FY 2022 CICR colloquium

	Date	Speaker	Affiliation	Title
63	2022.5.12	Jyrki Manninen	Designated Professor of ISEE, Nagoya University / Sodankyla Geophysical Observatory, University of Oulu	63rd ISEE/CICR Colloquium (Online) 「VLF bursty-patches − new phenomena」
64	2022.7.7	Rangaiah Kariyappa	Designated Professor of ISEE, Nagoya University / Indian Institute of Astrophysics	64th ISEE/CICR Colloquium (Online) 「Solar Spectral Irradiance (SSI) Variability」
65	2022.12.20	Rumi Nakamura	Designated Professor of ISEE, Nagoya University / Austrian Academy of Sciences - Space Research Institute	65th ISEE/CICR Colloquium (Online) 「In-situ observation of magnetic reconnection: diffusion region and outflow disturbances」
66	2023.2.9	Pavlo Ponomarenko	Designated Professor of ISEE visiting professor / University of Saskatchewan, Canada	66th ISEE/CICR Colloquium (Hybrid) 「Towards empirical model of HF propagation at very high latitudes」
67	2023.2.20	Emer. Hermann Opgenoorth	Designated Professor of University of Umea, Sweden	67th ISEE/CICR Colloquium (Hybrid) Con the Origins and characteristics of Three- Dimensional Current Systems in Near-Earth Space and their Implications for Space Weather
68	2023.2.27	Matthias Förster	GFZ German Research Centre for Geosciences, Germany	68th ISEE/CICR Colloquium (Hybrid) 「Estimation of effective ion masses by Langmuir probes onboard the Swarm satellites」
69	2023.3.30	Gary P Zank	University of Alabama in Huntsville, USA	69th ISEE/CICR Colloquium (Hybrid) 「Heating the Solar Corona and Driving the Solar Wind: Are we nearing a solution?」